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CARBIDE AND CARBON CHEMICALS COMPANY
A DIVISION OF UNION CARBIDE AND CARBON CORPORATION

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OAK RIDGE, TENN.

June 30, 1953

RHTG # 34-18.1
BOX # 1820

United States Atomic Energy Commission
Post Office Box E
Oak Ridge, Tennessee

Subject: Polonium Requirements for
Y-12 Plant

Attention: Mr. R. C. Armstrong

Gentlemen:

Listed below are the polonium requirements for the last half of the calendar year 1953 and the first half of the calendar year 1954 for the Y-12 Plant.

1 ea. Po-Be Neutron Source - Neutron emission to be between 5×10^7 and 10^8 neutrons per second

This source will be needed in July, 1953 to replace Source FB-170 which has decayed to a value so low as to be unusable.

We will also need in July, 1953, 10 to 25 microcuries solution of polonium.

Very truly yours,

CARBIDE AND CARBON CHEMICALS COMPANY

L. B. Emler
L. B. Emler
Y-12 Plant Superintendent

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L. B. Emler
RJB:JWG:hmc

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DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1st Review - Date <u>6-8-98</u>	2. Classification (Circle Number(s))
Authority: <input checked="" type="checkbox"/> ADG <input checked="" type="checkbox"/> ADD	1. Classification Required
Name: <u>W. J. Hume</u>	2. Classification Changed To:
2nd Review - Date <u>10/8/99</u>	3. Contains No DOE Classified Information
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